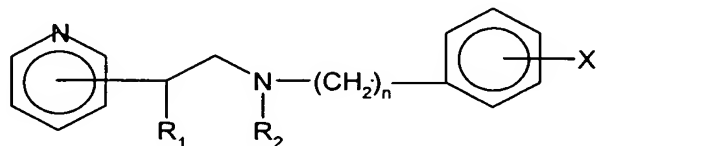


Abstract

The novel derivatives of pyridilethanol (phenylethyl) amines of formula I



are described wherein n is an integer from 1 to 4, R_1 is a hydrogen atom, hydroxyl group or lower C_{1-6} alkoxy group R_2 is a hydrogen atom or a straight or branched lower C_{1-6} alkyl group X, is hydrogen, fluorine, chlorine, bromine, hydroxyl group, trifluoromethyl group, 3,4-di-Cl, 2,4-di-Cl or lower C_{1-6} alkoxy group, the enantiomers, diastereoisomers or racemates thereof or the physiologically acceptable acid addition salts thereof which are ligands of sigma receptors for inhibiting cholesterol biosynthesis and are thus appropriate for the treatment of hypercholesterolemia and hyperlipemia in humans. The greatest lowering of cholesterol was observed by 1-(d-pyridyl)-2-(N-(2-(3,4-dichlorophenyl)ethyl)-N-propylamino)ethanol in the form of dihydrobromide salt (signature BK-35, 2HBr).